

ABSTRACT OF THE DISCLOSURE

An apparatus and method for controlling a volume of comfort noise in a mobile communication terminal. The mobile communication terminal includes a vocoder for detecting a decoding rate of voice data received after establishing a voice call to output a detection signal and an amplifier for amplifying an output
5 signal of the vocoder. The method comprises the steps of determining whether the decoding rate of the voice data from the vocoder is $1/8$, recognizing the voice data as silence period data containing only the comfort noise and providing the vocoder with a control signal to lower a volume of the comfort noise, if the decoding rate
10 of the voice data is $1/8$, and controlling a volume of the voice data such that it becomes a volume preset by a user, if the decoding rate of the voice data is not $1/8$.